REMARKS/ARGUMENTS

The claims have been amended as set forth above. Claims 4-7, 10-11, and 16-17 are cancelled. No new matter has been added.

I.   Examiner Interview Dated August 22, 2007

An interview was held on August 22, 2007. During the interview, the specification was discussed in general and the references were discussed as they pertain to the claims as amended. Applicants believe that the current changes overcome the cited references.

II.   Rejection Under 35 U.S.C. 112

Claims 1-4, 7-15, and 18-24 are rejected under 35 U.S.C. 112, first paragraph. The Office Action asserts that the feature "receiving a selection of a second web link subordinate to the first web link, the second web link requiring user interaction, mapping the second web link to the web diagram data structure..." does not comply with the written description requirement and is not enabled. The claims have been amended as set forth above to further clarify the claims. Figure 4 shows receiving a selection of a web site to be mapped. Figure 5 shows the mapped web site and Figure 6 shows a selection of one of the links of the mapped web site. Figure 7 shows the generation of a web page associated with the selected link. Figure 7 and 8 show an interaction with the web page to obtain the links in Figure 8. Figure 11 shows the mapping of navigation of links. Figure 11 also shows the mapping of a single link and a link with an expanded feature 1140. Applicants request reconsideration.

III.   Rejection Under 35 U.S.C. 103(a)

Claims 1-4, 7-15, and 18-24 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 6,035,330 issued to Astiz et al. (hereinafter "Astiz"). Applicants respectfully disagree with the rejection. Claims 4-7, 10-11, and 16-17 are cancelled. Independent claims 1, 12 and 18 have been amended to clarify features of the claims that distinguish Astiz.

Independent claim 1 has been amended to include the following combination of features that are not taught or otherwise suggested by Astiz:

receiving a selected web site on a *web site diagramming application of a client*;

automatically parsing the selected web site for web links subordinate to the selected web site, wherein the selected web site does not require user interaction to identify the web links subordinate to the selected web site, wherein parsing the selected web site includes at least one member of a group comprising: automatically parsing the web site to a specified maximum number of links, and automatically parsing the web site to a specified maximum number of discovery levels;

mapping the selected web site and parsed web links *to a web diagram data structure of the web site diagramming application of the client*;

receiving a selection of a first web link in the web diagram data structure of the web site diagramming application to cause a browser to obtain a web page associated with the first web link from a server, wherein the first web link is subordinate to the selected web site, *wherein the first web link requires user interaction within the web page to identify web links subordinate to the first web link, wherein the web links subordinate to the first web link are not mapped to the web diagram data structure of the web site diagramming application of the client*;

receiving an interaction with a second web link within the obtained web page of the first link, wherein the second web link is subordinate to the first web link;

obtaining a web page associated with the second web link from the server;

determining whether an expand target selection of the obtained web page of the second web link is received;

when the expand target selection is received, mapping the second web link and links subordinate to the second web link to the web diagram data structure of the web site diagramming application of the client; and

when the expand target selection is not received, mapping the second web link without links subordinate to the second web link to the web diagram data structure of the web site diagramming application of the client.

The above combination of features is not taught or suggested by the cited reference. Astiz teaches a web site mapping system. The web site map may include external hyperlinks.

Astiz, at col. 10, line 50. With regard to selection of the external hyperlink, Astiz teaches that "[i]f the user selects an external hyperlink which is connected to another web site, the user may decide to view a web site map of that additional site either as a new map window or a separate but simultaneously displayed map window superimposed on part of the browser display." *Astiz*, at col. 10, lines 50-54. Astiz teaches a mapping of the hyperlinks in their entirety. In the main embodiment of Astiz, Astiz teaches pre-generated mappings and the detrimental features of mappings that are not pre-generated. *See Astiz*, col. 8, lines 33-55. Astiz teaches that the mapping is of a website as a whole. When a user navigates to a web page that is not mapped, the user can ask the server to map the web page. The mapped web page is associated with the server. The map can be superimposed on the browser. The map shows all paths that a user may take. Stated another way, the map shows links where the user has not yet navigated. Astiz is associating static maps with a server and as the user navigates the static maps are downloaded from the server to the client. The maps are not being dynamically created on the client by a web mapping application as the user navigates. The maps are static. The user is navigating to different static maps. This type of mapping is detrimental to client side map generation because it causes the downloading and generation of excessive information, all of which take up CPU time. Claim 1 recites "receiving a selected web site on a web site diagramming application of a client." In Astiz, the maps are on the server and the user downloads the pre-generated maps. Claim 1 also recites "receiving a selection of a first web link in the web diagram data structure of the web site diagramming application to cause a browser to obtain a web page associated with the first web link from a server, wherein the first web link is subordinate to the selected web site, wherein the first web link requires user interaction within the web page to identity web links subordinate to the first web link, wherein the web links subordinate to the first web link are not mapped to the web diagram data structure of the web site diagramming application of the client." In Astiz, the user is already in the browser and the user is downloading the pre-generated maps from the server. Claim 1 further recites the combination of "determining whether an expand target selection of the obtained web page of the second web link is received," "when the expand target selection is received, mapping the second web link and links subordinate to the second web link to the web diagram data structure of the web site diagramming application of the

client," and "when the expand target selection is not received, mapping the second web link without links subordinate to the second web link to the web diagram data structure of the web site diagramming application of the client." In Astiz, the maps are static as the user navigates. The user is downloading static pre-generated maps. The maps are not being created as the user navigates; the user is downloading different maps as the user navigates. Accordingly, applicants assert that claim 1 is allowable over the cited references.

Independent claim 12 has been amended to include the following combination of features that are not taught or otherwise suggested by Astiz:

displaying a diagram of a structure of a selected web site, the diagram including diagram nodes for the selected web site and for web links associated with the selected web site, *wherein the diagram of the structure is generated and displayed on a web site diagramming application of a client*;

receiving a selection of a first web link from the diagram;

in response to the selection of the first web link in the diagram, *causing a browser to open the first web link*;

determining whether an expand target indicator is actuated in associated with the first web link;

when the expand target indicator is not actuated in association with the first web link, automatically updating the displayed diagram to add a diagram node for a selected second web link whereby the diagram node for the selected second web link is added to the diagram in a position illustrating a relationship of the selected second web link to other nodes in the diagram, *wherein other web links associated with the first web link are not added to the diagram*; and

when the expand target indicator is actuated in association with the first web link, automatically updating the displayed diagram *to add a diagram node for web links associated with the first web link* whereby the diagram nodes are added to the diagram in positions illustrating relationships to other nodes in the diagram.

Applicants assert that Astiz does not teach or otherwise suggests the combination of features recited in independent claim 12. Astiz does not teach "displaying a diagram of a structure of a selected web site, the diagram including diagram nodes for the selected web site and for web links associated with the selected web site, wherein the diagram of the structure is

generated and displayed on a web site diagramming application of a client." In Astiz, the maps are associated with web site on the server. Astiz does not teach the combination of "when the expand target indicator is not actuated in association with the first web link, automatically updating the displayed diagram to add a diagram node for a selected second web link whereby the diagram node for the selected second web link is added to the diagram in a position illustrating a relationship of the selected second web link to other nodes in the diagram, wherein other web links associated with the first web link are not added to the diagram," and "when the expand target indicator is actuated in association with the first web link, automatically updating the displayed diagram to add a diagram node for web links associated with the first web link whereby the diagram nodes are added to the diagram in positions illustrating relationships to other nodes in the diagram." In Astiz, no such determination is made. The maps are downloaded in whole. The user selects that maps associated with the server as the user moves from page to page. Accordingly, applicants believe that independent claim 12 is allowable.

Independent claim 18 has been amended to include the following combination of features that are not taught or otherwise suggested by Astiz:

receiving a selected web site on *a web site diagramming application of a client*;

automatically parsing the selected web site for web links subordinate to the selected web site, wherein parsing the selected web site includes at least one member of a group comprising: automatically parsing the web site to a specified maximum number of links, and automatically parsing the web site to a specified maximum number of discovery levels;

mapping the selected web site and parsed web links to a web diagram data structure associated with *the web site diagramming application of the client*;

receiving a selection of a first web link from the parsed web links as a starting point for browsing a path through the selected web site;

mapping the first web link to the web diagram data structure associated with the *web site diagramming application of the client*;

receiving a selection of a second web link subordinate to the first web link, the second web link requiring user data input;

mapping the second web link to the web diagram data structure after input of the user data; and

creating and displaying a web diagram from the web diagram data structure showing a diagram node for the selected web site, each of the parsed web links subordinate to the selected web site not requiring user interaction, and for the selected second web link.
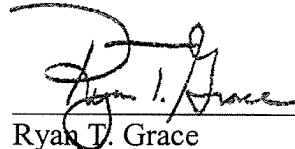
Applicants assert that the above combination of features is not taught or otherwise suggested by the cited reference. Claim 18 recites a "web site diagramming application of a client." For the reasons more fully set forth above, the combination of features is not taught. Accordingly, applicants respectfully request reconsideration of claim 18.

With regard to the dependent claims, they include features not taught or otherwise suggested by the cited references. Moreover, the dependent claims ultimately depend from the independent claims. As such, they are thought allowable for at least the same reasons set forth above.

IV.   Request for Reconsideration

In view of the foregoing amendments and remarks, all pending claims are believed to be allowable and the application is in condition for allowance. Therefore, a Notice of Allowance is respectfully requested. Should the Examiner have any further issues regarding this application, the Examiner is requested to contact the undersigned attorney for the applicant at the telephone number provided below.

Respectfully submitted,
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